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14 MAR 1975

MEMORANDUM FOR: Chief, Staff Engineering Division, OC-E  
ATTENTION : Chairman, Communications Requirements Working Group  
SUBJECT : Communications Requirements Determination  
REFERENCE : Undtd Memo to OL CRWG Rep fr C/CRWG, same subj

1. We have reviewed the pertinent Office of Communications requirements as provided by the referent. The report concisely defines the spectrum of Agency needs and requires few changes or modifications.

2. Pursuant to your request, we have listed anticipated minor changes and requirements on attachment 1. A diagram for data links has also been provided on attachment 2. Office of Logistics (OL) divisions and staffs not listed have submitted negative reports. In those instances where your report is general in nature, we are listing projections submitted previously based on discussions held with [redacted] of your division as he advised us to resubmit them.

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3. Plans and Programs Staff, OL, is the focal point for OL's communications requirements. If additional information is required, please contact [redacted]

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ILLEGIB

[redacted]  
Michael J. Malanick  
Director of Logistics

Atts

Distribution:

- 0 + 1 - Adse, w/atts 1 and 2
- ① - OL/P&PS (Official) w/atts 1 and 2
- 1 - OL/Files, w/att 1
- 1 - D/L Chrono, w/o atts

OL/P&PS [redacted] (10 Mar 75)

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## COMMUNICATIONS REQUIREMENTS FY 1977-81

1. All services which are now received within the Office of Logistics are adequate and should be continued at the same level except in the following instances:

a. Procurement Division - A black phone instrument located in the Mail and Files Control Unit can be eliminated prior to FY 1977. The phone is located in [ ] Ames Center Building, extension [ ]. When the requirement ceases to exist, an appropriate telephone request will be submitted.

b. Printing Services Division (PSD) - A minimal secure voice communication line between main PSD and Headquarters Building will be required in FY 1977. Accordingly, we will need one master unit and telephone line. A call director and six "slave" instruments will not be necessary.

2. It is expected that within the next 2 years (FY 1976 and 1977) PSD will have need for a network of data links from all Agency publishers to PSD/General Printing Plant (GPP) for access to the upcoming computer-assisted text editing photographic composition system. The following are considered vital requirements for FY 1977:

a. Data link from major publishers in Headquarters Building, including Office of Current Intelligence, Office of the Director (O/DCI), National Intelligence Officers (NIO), Office of Economic Research, etc., to PSD/GPP composing system to provide faster, more efficient production of intelligence reports.

b. Data link from PSD/GPP to PSD main plant, either through the Office of Joint Computer Support (OJCS) or direct, to provide backup support to GPP composing system and to provide parallel processing capabilities during peak workload periods.

c. Data links from OJCS to PSD main printing plant for use:

- (1) With proposed PSD management information system,
- (2) In expediting production of computer output microfilm, and
- (3) In providing faster and more efficient photocomposition of Agency publications.

3. Although detailed feasibility studies are not available at this time, the following items are considered potential requirements in the future (FY 1978-81):

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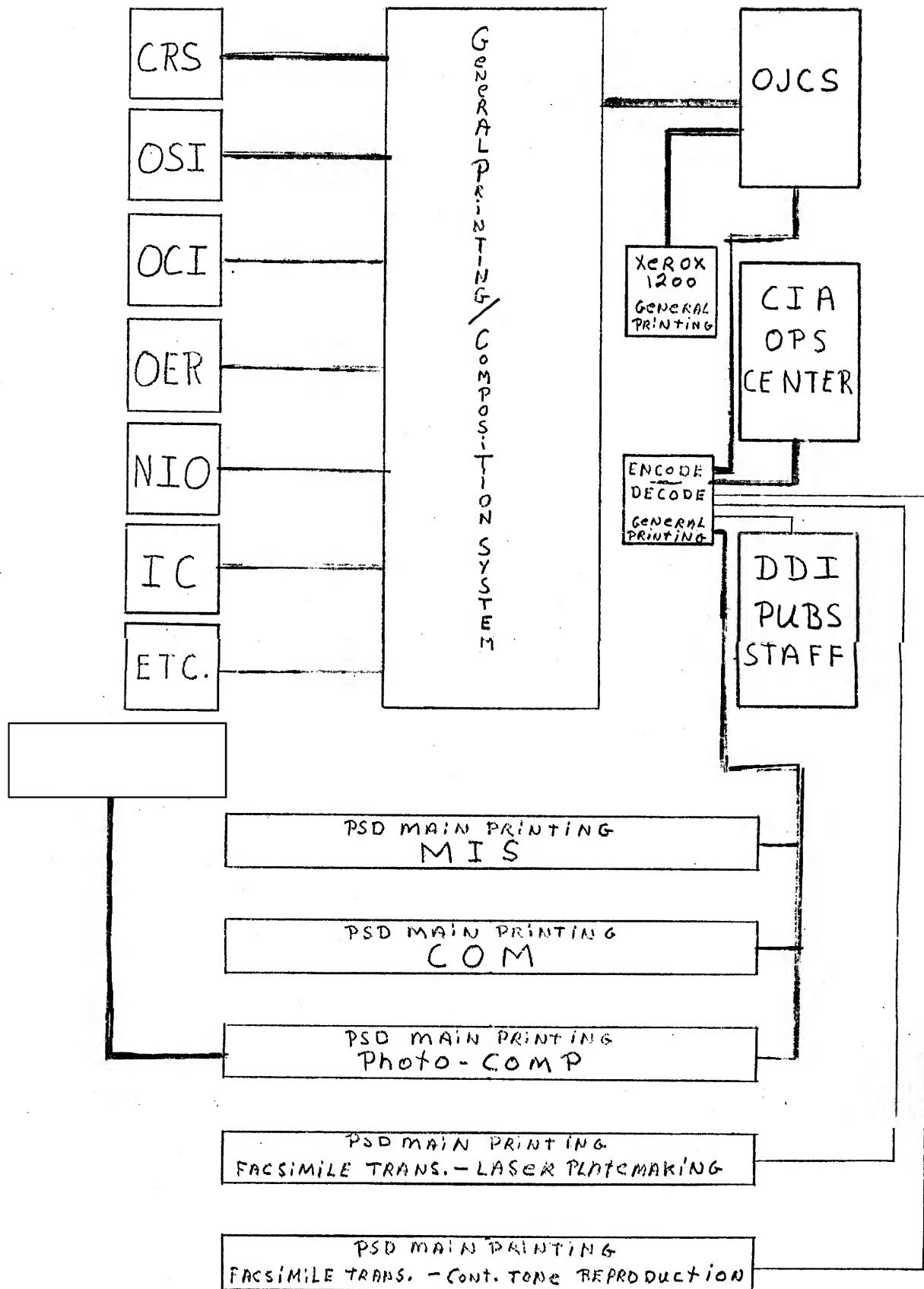
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#### Communications Requirements for FY 1977-81

- a. Data link from high priority customers (Publications Staff, Deputy Director for Intelligence; O/DCI, NIO, etc.) to PSD for facsimile transmission and laser platemaking to accommodate high-speed printing of intelligence reports.
  - b. Data link from CIA Operations Center to PSD for facsimile transmission of continuous tone negatives for instant reproduction and dissemination to top CIA officials.
  - c. Data link from OJCS to PSD/GPP which will be necessary in expanding capabilities of the computer-assisted text editing photographic composition system.
4. While the final implementation of the above requirements will require additional studies and are, to a large degree, dependent upon the plans of PSD customers, it is felt that establishment of data links as envisaged are essential in fulfilling existing and future Agency needs to provide greater efficiency in printing operations of the future.

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FY 76  
FY 77  
FY 78-81



Data Link Requirements